

TITLE  
ANTI-DIARRHEAL AND METHOD FOR  
5 USING THE SAME

**CLAIMS:**

*Sup. P.* 10

1. A method for treating and preventing diarrheal symptoms in a subject animal, the method comprising [administering] to the subject animal an effective amount of [egg product wherein said egg product comprises one or more anti-diarrheal agents, wherein said one or more anti-diarrheal agents comprises a substance other than an antibody.]
- 15 2. Method of claim 1, wherein the egg product is obtained from an egg-producing animal that has been hyperimmunized with an immunogenic or genetic vaccine having the capability of inducing an immune response in said egg-producing animal.
- 20 3. The method of claim 2, wherein the immunogenic vaccine comprises at least one immunogen selected from the group consisting of bacterial, viral, protozoan, fungal, and cellular immunogenic and [mixtures thereof.]<sup>112</sup>
- 25 4. The method of claim 3, wherein in the immunogenic vaccine consists of a mixture of bacterial immunogens, said mixture comprising at least one immunogen from each of the following bacterial strains:

30 Escherichia coli, Escherichia coli (Aerobacter);  
Klebsiella pneumonia; Pseudomonas aeruginosa;  
Salmonella typhimurium; Salmonella dysenteriae;  
Salmonella enteriditis; Salmon epidermidis;  
Salmonella simulans; Streptococcus pyogenes, type 1;  
Streptococcus pyogenes, type 3; Streptococcus

pyogenes, type 5; Streptococcus pyogenes, type 8  
Streptococcus pyogenes, type 12; Streptococcus  
pyogenes, type 14; Streptococcus pyogenes, type 18  
Streptococcus pyogenes, type 22; Pseudomonas  
vulgaris; Streptococcus agalactiae; Streptococcus  
mitis; Streptococcus mutans; Streptococcus  
salavarius; Streptococcus sanguis; Streptococcus  
pneumoniae; Propionibacterium acnes; and Haemophilus  
influenzae.

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5. The method of claim 2, wherein the genetic vaccine comprises at least one immunogen-coding DNA construct selected from the group consisting of fragments of naked DNA, plasmid DNA, viral DNA, bacterial DNA, DNA expression libraries, DNA-RNA immunogens, DNA-protein conjugates and DNA liposome conjugates, and mixtures thereof.]

10. 6. The method of claim 1, wherein the effective amount of the egg product administered to the subject animal ranges from 0.5 - 6 grams of egg product per kilogram of subject animal weight per day.

15. 7. The method of claim 6, wherein the effective amount of egg product administered to the subject animal is 4 grams of egg product per kilogram of subject animal weight.

20. 8. The method of claim 1, wherein the egg product is administered parenterally, subcutaneously, intravenously, intramuscularly, intraperitoneally, intranasally, orally or topically.

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